

(12) UK Patent Application (19) GB (11) 2 163 659 A

(43) Application published 5 Mar 1986

(21) Application No 8506015

(22) Date of filing 8 Mar 1985

(30) Priority data

(31) 4241

(32) 28 Aug 1984

(33) IT

(71) Applicant

Fiorenzo Novali,

Via S Bernardino 130, 24100 Bergamo, Italy

(72) Inventor

Fiorenzo Novali

(74) Agent and/or Address for Service

Barker Brettell & Duncan,

138 Hagley Road, Edgbaston, Birmingham B16 9PW

(51) INT CL*

A63C 17/26

(52) Domestic classification

A6D 32A 32X 33F

(56) Documents cited

GB A 2021422

US 4183546

US 4130292

GB 0616723

US 4179134

US 3684305

WO 8200593

US 4134600

(58) Field of search

A6D

(54) Skate-board

(57) A skate-board comprises a support table or board (2) which is supported at opposite ends on ground engaging wheel assemblies (4). The skate-board is provided with direction-stabilization lever means (10) controlled by the operator.

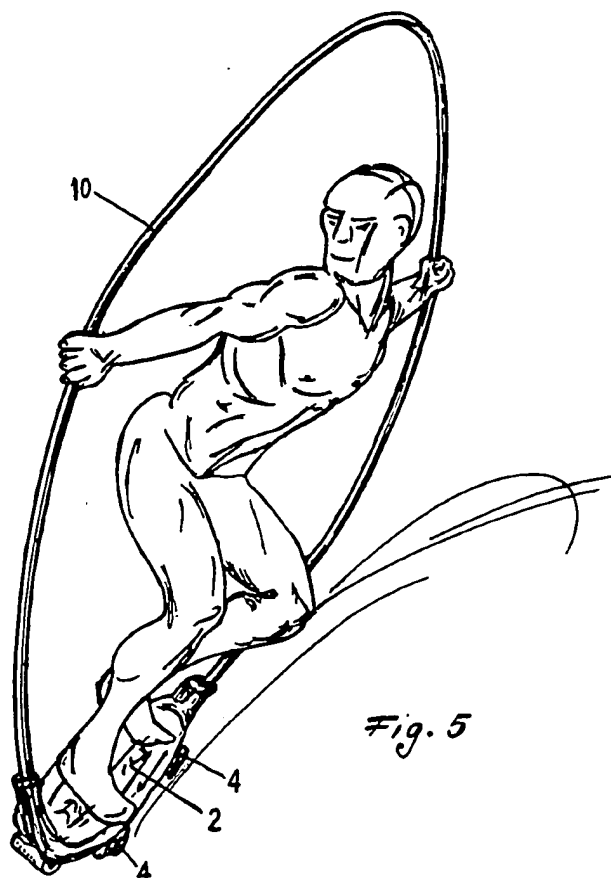
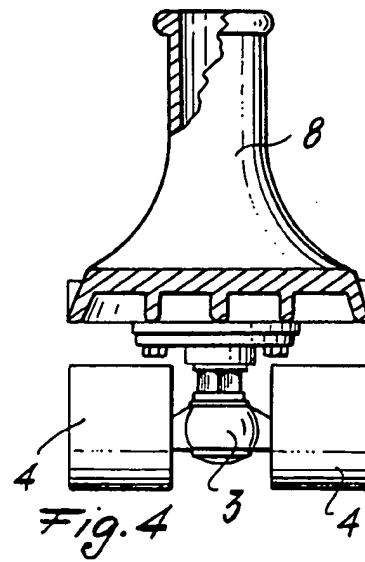
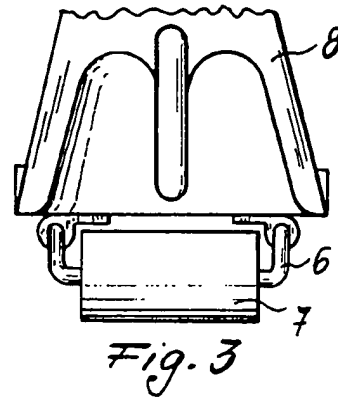
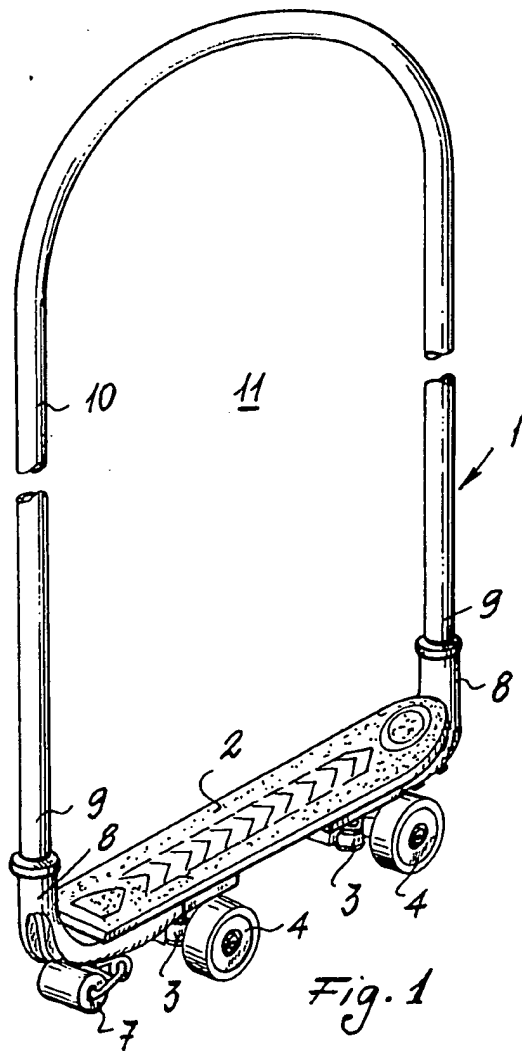
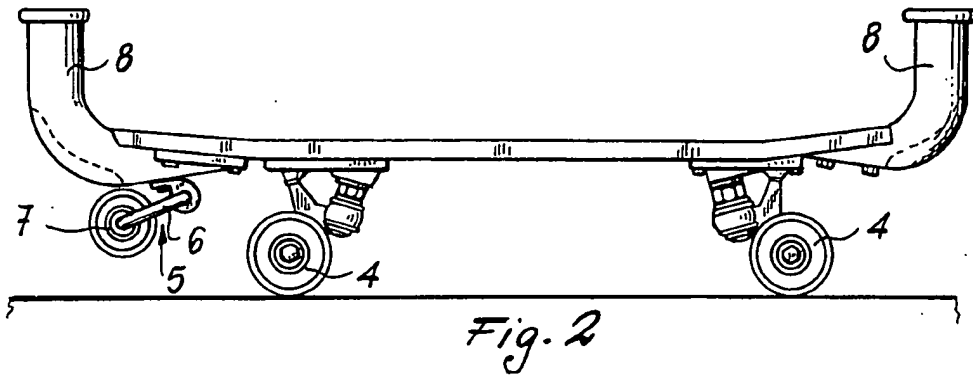
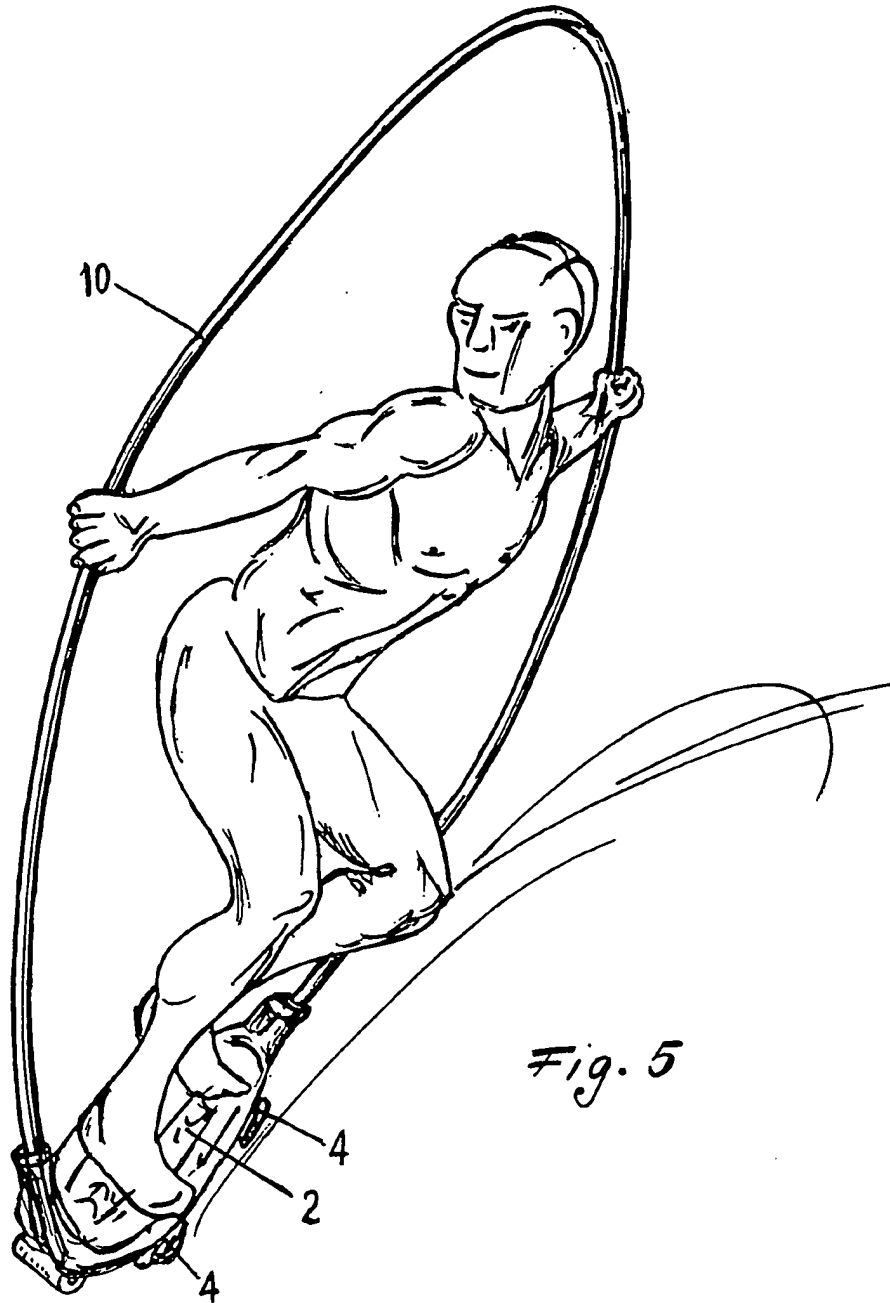


Fig. 5

Best Available Copy

GB 2 163 659 A





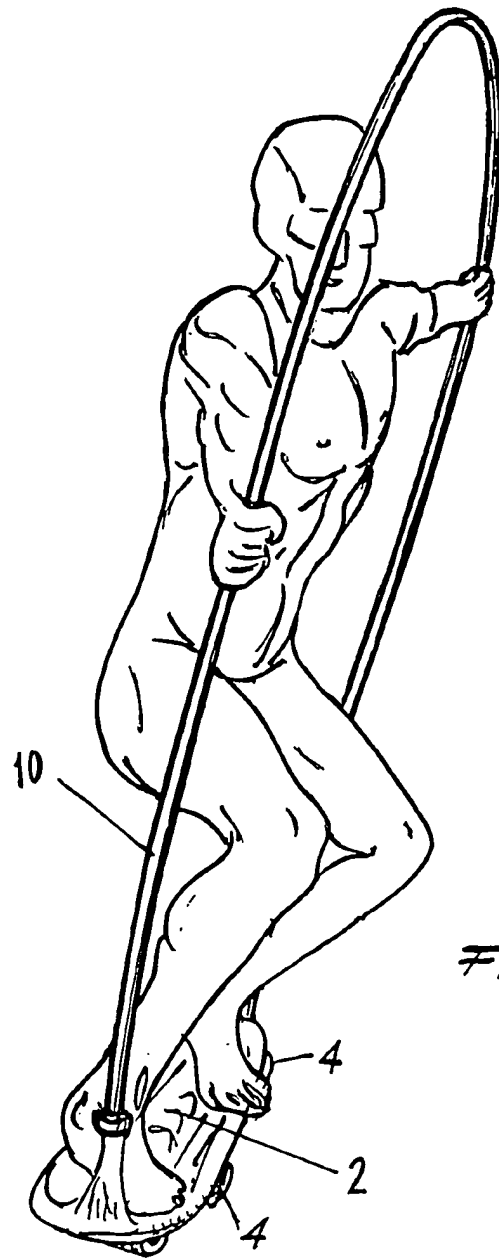


Fig. 6

SPECIFICATION

Skate-board with direction-stabilization bar

5 This invention relates to skate-boards of the kind in which a board is supported at opposite ends on forward and rear ground-engaging wheel assemblies.

Known skate-boards of this kind are difficult to guide and steer since any push control or stress is transferred to the board only through the feet of the operator.

According to my invention, a skate-board of the kind set forth is provided with a direction-stabilization lever means.

This makes the skate-board easier to guide and more stable, allowing moreover the operator to carry out a greater number of gymnastic evolutions and/or exercises than with conventionally constructed skate-boards.

One embodiment of my invention is illustrated in the accompanying drawings in which:-

Figure 1 is a perspective view of a skate-board;

Figure 2 is a side view only of the base element or board of the skate-board;

Figure 3 is a sectional view from behind of the element of *Fig. 2*;

Figure 4 is a sectional view from the front of the element of *Fig. 2*; and

Figure 5 and 6 illustrate two possible positions adopted by an athlete during the control of the apparatus.

The skate-board illustrated in the drawings and generally indicated by 1, consists of a board or support table 2 which is supported at opposite end on a pair wheel assemblies, each comprising an articulated axle 3, on which a pair of wheels 4 are journaled for rotation.

The skate-board is also provided at its forward end in advance of the wheels 4 with a braking device 5 consisting of an arm 6 supporting a wheel 7.

At the ends of the table 2 two upstanding sleeves 8 are provided. The ends 9 of the bent tube 10 in the form of an open hoop of generally inverted 'U' or particular outline are releasably received in the sleeves 8. The geometry of the tube 10 when locked in the sleeves 8 is such as to provide a clear span 11 of which the dimensions are such as to allow freedom of movement for the operator when in an upright position with arms outstretched. For transport, conveniently the ends 9 are unlocked from the sleeves 8 to enable the tube 10 to be removed from the table 2.

During use, see *Figs. 5 and 6*, the operator stands on the table 2 and grasping the bent tube 10 is able, in an optimal way to manoeuvre the skate-board 1 with the table or board 2 inclined with respect to the ground, allowed by articulation of the articulated axles

65 3.

In case it should be necessary to brake the skate-board, the operator acts so that his total weight rests on the forward end of the table 2 where the braking device 5 is provided. The wheel 7 is then clamped between the lower part of the table 2 and the ground to perform the desired braking action.

From the above illustrated and described the possibility to apply the direction means also to other apparatus similar to the skate-board, e.g. to the mono-ski, appears obvious, without thus going out of the limits of the inventive idea accomplished by the present invention.

CLAIMS

1. A skate-board comprising a board or table which is supported at opposite ends on wheel assemblies, each comprising an articulated axle and a pair of wheels, in which the skate-board is provided with direction-stabilization lever means.

2. A skate-board according to claim 1, in which said lever means consists of a length of bent tube of which the ends are received within sleeves integral with opposite ends of the table.

3. A skate-board according to claim 2, in which the geometry of the bent tube provides a clear span of which the dimensions are such as to allow freedom of movement for an operator when in an upright position and with arms outstretched.

4. A skate-board according to any preceding claim in which a braking device is provided at one of the end of the table.

5. A skate-board according to Claim 4, in which the braking device comprises an arm supporting a wheel.

6. A skate-board substantially herein with reference to and as illustrated in the accompanying drawings.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.